SARAH OLSON

Software Developer

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Technical Skills

- HTML5
- CSS
- Bootstrap
- JavaScript
- TypeScript
- React
- MongoDB
- Express.js
- Node.js
- SQL/ NoSQL
- Docker
- Git/Github
- Redux
- Next.js
- AWS

Certifications

FreeCodeCamp
- JavaScript Algorithms & Data Structures
- Front End Development Libraries
- Responsive Web Design

Educative.io
- Node.js, Express & MongoDB Development

MongoDB University
- MongoDB Node.js Developer Path

Experience

Freelance Web Developer   September 2023 - Present
- Delivered and hosted client websites while ensuring cross-browser compatibility and responsive design, improving accessibility across all devices and increasing mobile traffic by 50%.
- Successfully established an online presence for client, leading to a 30% increase in new client inquiries and a 20% increase in overall client appointments.
- Provided ongoing website maintenance and updates, ensuring optimal performance and achieving a 99.9% uptime, which helped sustain high client retention rates.
- Ensured compliance with industry security standards, contributing to a secure and reliable user experience which increased client confidence and retention by 40%.

Projects

Product Landing Page   Link: sarahlynnx.github.io/product-landing-page/
- Developed a fully functional online shopping store, featuring an interactive shopping cart system that allows users to add/remove items, adjust quantities, and checkout.
- Engineered dynamic content rendering with React, JavaScript, HTML, and CSS creating a seamless and engaging user experience.
- Implemented a scalable and maintainable architecture by adopting a data-driven approach with APIs and configurations, ensuring the project can easily be updated and extended.
- Optimized for responsiveness and accessibility using Bootstrap and media queries, ensuring the site performs well across all devices and screen sizes.

Playful Pathways Blog Application   Link: sarahlynnx.github.io/playful-pathways/blog
- Integrated a multi-user supported, secure blog application with Playful Pathways website, enhancing the platform's ability to share valuable information and updates with clients.
- Created a full stack MERN application which features functionalities such as user authentication, role management, commenting, liking, and posting blogs.
- Successfully ensured future scalability by containerizing and deploying the front-end react app and backend express app with Docker on Render.io.
- Instituted robust security measures and configuration management by adopting a config-driven approach while incorporating password encryption, JWT authentication and Git version management, ensuring secure and maintainable backend architecture connected via Rest APIs.

Playful Pathways Pediatric Therapy Website   Link: sarahlynnx.github.io/playful-pathways/
- Spearheaded the full lifecycle development of a live therapy clinic website, from initial design and implementation to successful deployment, ensuring robust functionality and user engagement.
- Successfully established an online presence for clients to access all clinic information, improving client satisfaction and enhancing the relationship between the clinic and its clients.
- Designed and executed intuitive site navigation using Bootstrap, HTML, and CSS, to ensure easy access to information and services, significantly enhancing user experience.
- Seamlessly utilized third-party APIs and services to support emails and Google Maps through JavaScript and DOM manipulation, providing essential functionality and enhancing user convenience.